

CLAIMS

What is claimed is:

1. A linear compressor, comprising:
 - outer and inner stators to form a magnetic field;
 - a mover to move a piston while reciprocating between the outer and inner stators;
 - a cylinder in which a refrigerant is compressed by the moving of the piston;
 - a first threaded part formed on an inner surface of the inner stator; and
 - a second threaded part formed on an outer surface of the cylinder to engage with the first threaded part.

2. The linear compressor as set forth in claim 1, wherein:
 - the inner stator comprises an inner core to form a magnetic flux, and a holder to fasten the inner core; and
 - the first threaded part is formed on an inner surface of the holder.